

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858420014-8

VALMBURGER, F. G.
D. I. CAVRISH, Orneupory 13, 543-45, 1948

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858420014-8"

Valenburger, H. R.

U S S R .

2220. Conversion of periodic kilns to gas-fired chamber kilns.—N. P. LEVYAK, F. G. VALENBURGER, and A. V. AZBUKIN (*Ogneupory*, 20, 59, 1955). An account of re-
CONSTRUCTIONS of Russian periodic kilns. (6 figs.)

2

VALENBURGER, F.G.

AUTHORS: Lesnyak, N.F., Turohaninov, V.S., Buzdyrin, V.A., 131-12-2/9
Valenburger, F.G., Nevyazhskaya, Ye.A., Nikulin, N.Ya.

TITLE: Thermal Engineering (Teplotekhnika). Increased Efficiency
of a Gas Plant (Povysheniye proizvoditel'nosti gazostantsii)

PERIODICAL: Ogneupory, 1957, Nr 12, pp. 533-537 (USSR)

ABSTRACT: In the gas plant of the department for refractories of the Nizhniy Tagil Metallurgical Combine there was a shortage of gas. In 1953 it was assumed that the gas plant had reached the limit of its efficiency and that it would have to be enlarged. From 1954 onwards, however, the following work was carried out in order to improve the efficiency of the gas plant: 1.) By enlarging the coal shaft and the bucket conveyor, fuel conveyance was increased from 100 to 200 t/24 hours and an additional bunker for 60 m³ was erected; 2.) A magnetic separator was mounted for the purpose of catching parts of iron in the fuel; 3.) The number of revolutions of the feed drum was increased from 60 to 120 per hour; 4.) The blast pressure was increased from 250 to 400 mm torr; 5.) Three additional air blast aggregates were established, so that a reserve was available; 6.) An additional air-feed pipe of 700 mm Ø was mounted (figures 1 and 2); 7.) Besides, the scrubber-, water cooling- and gas blast

Card 1/2

Pyrometric Engineering. Increased Efficiency of a Gas Works

131-12-2/9

plants were enlarged. Fig. 3 shows the scheme of the new gas purification plant. The data comparing gasification before and after reconstruction are given in a table. In this way it was possible to increase the efficiency of the gas plant to the 1 - 1 1/2 fold, and expenses amounted to only 10% of those which would have been necessary for the intended extension. There are 3 figures and 1 table.

ASSOCIATION: Nizhniy Tagil Metallurgical Combine (N. -Tagil'skiy metallurgicheskiy kombinat)
Uralenergochemet (uralenergochemet)

AVAILABLE: Library of Congress

Card 2/2

AUTHORS:

Nevyazhskaya, Ye. A., Buzdyrin, V. A.,
Valenburger, F.G. SOV/131-58-9-7/11

TITLE:

Experiments on the Refrigeration of Generator Gas Performed
in the Engineering Department of Refractories of the NTMK
(Opyt okhlazhdeniya generatornogo gaza v ogneupornom tsekhe
NTMK)

PERIODICAL:

Ogneupory, 1958, Nr 9, pp. 425 - 426 (USSR)

ABSTRACT:

In the gas generator department of the N-Tagil'skiy metallurgiches-
kiy kombinat (Nizhniy Tagil Metallurgical Combine) the gas temperature
was reduced by additional cooling in the dust-arrester
and by establishment of a sprinkling basin. The figure shows
the scheme of the water supply to the dust-arrester by
means of which the gas temperature is reduced from 550-600°
to 120-150°. For the precipitation of dust a wooden container
with a scraper was established for the dust-arrester. Thus,
the gas temperature was reduced on the entrance into the
initial scrubbers. It was not necessary to clean the dust-
collector after each shift. By reducing the gas temperature
below 300° it was possible to replace the disconnection
pipe-valves by hydraulic ones. For the improvement of the

Card 1/2

Experiments on the Refrigeration of Generator Gas SOV/131-58-9-7/11
Performed in the Engineering Department of Refractories of the NTMK

rotation cooling a sprinkling-basin of 220 m^2 was established by which the water temperature was reduced by 10° . The attained gas and water temperatures are given in the table. There are 1 figure and 1 table.

ASSOCIATION: Uralenergochemet. Nizhne-Tagil'skiy metallurgicheskiy kombinat
(Nizhniy Tagil Metallurgical Combine)

Card 2/2

TURCHANINOV, V.S.; VALENBURGER, F.G.; SKORIK, N.S.; SHUTENKO, T.F.

Automation of the system of drying runner articles in a tunnel
drier. Ogneupory 26 no.5:225-230 '61. (MIRA 14:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.
(Kilns)
(Refractory materials)

ARSYUTKIN, N.V.; PAPAKIN, Kh.M.; VALENBURGER, F.G.

Controlling the conditions of clay drying in drums. Ogneupory 30
no.5:20-23 '65. (MIRA 18:5)

1. Vostochnyy institut ogneuporov (for Arsyutkin). 2. Nizhne-Ta-
gil'skiy metallurgicheskiy kombinat im. V.I.Lenina (for Papakin,
Valenburger).

VALENCHUS, R.A.

MALYSHKIN, K.N.; VALENCHUS, R.A.

Producing silicate lumps and liquid glass. Bum.prom. 29 no.7:
22-25 Jl '54.
(MLRA 7:8)

1. Svetogorskiy tsellyulozno-bumazhnyy kombinat.
(Glass) (Paper industry)

VALENCIC, Dusan (Ljubljana)

Dehydration of medicinal plants. Farmaceut gl Zagreb Supplement (18)
no.5:23 '62

VALENCIC, Dusan (Ljubljana)

Problems of medicinal plants in Slovenia in 1950-1960. *Pharmaceut
gl Zagreb Supplement* (ic) no. 5:43-44 '62

VAVNCIC, Dusan, M.

Some data on the School for Pharmaceutical Technicians in
Ljubljana. Farmacevt vest 14 no.7/9:358-161 '63.

FEIDER, Z.; SOLOMON, L.; SIMIONESCU, V.; VALENCIUC, N.; VARVARA, M.

Relative growth of the bream Abramis brama brama (l.) as studied with
the aid of branchiosomatic coefficient. Comunicarile AR 11 no.8:951-
956 '61.

1. Comunicare prezentata de Th. Busnita, membru corespondent al Academiei
R.P.R.

~~VALINTA~~, Ladislav

Porcelain firing technology. Sklar a Keramik M. no. 320000
Ag '64.

I. Research Institute of Electrotechnical Ceramics, Brno
Kralove.

VAL'ENINA, V.F.

26939

S/138/51/000/005, 002/006
A051741.0

15 DEC 11/22/11

AUTHORS: Rudchenko, I. I., Fisher, S. L., Korchmarck, V. V., Kuznetsov, V. L.,
Bryl', D. G., Lyazhech, R. S., Valenina, V. F.TITLE: Polymerization of butadiene with styrene in emulsion using colophony
soap at a temperature of 5°C

PERIODICAL: Kauchuk i rezina, no. 5, 1961, 5 - 11

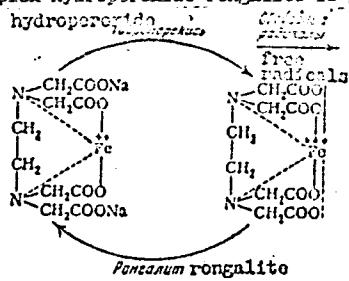
TEXT: Several polymerization formulations have been developed, of which only a few are suitable for industrial use. Hydrogen peroxide hydrocarbons are usually used as the initiators and various compounds with reducing properties as activators, such as ferrous sulfate, sodium sulfite, etc. Coagulation of the latex is caused by large quantities of electrolytes. Dakard serves as disperser. Dakard is a neutralized condensation product of naphthalene-ulfeneacid with formaldehyde. The higher mercaptanes, e.g., dodecylmercaptane and a mixture of C₁₂-C₆, are used as regulator in the production of butadiene-styrene rubbers. The best-known polymerization formulation is iron-pyrophosphate, where a complex formed from the interaction of potassium pyrophosphate with ferrous sulfate is used as activator. Special attention is drawn to the iron-trilon formulation. An increase in the iron

Card 1/5

26789
Polymerization of butadiene with styrene in...

S/138/81/001/002/003/004/005
AC51/1129

antent in rubber is contra-indicated, since it causes premature oxidation and sing. A complex formed from the interaction of trilon B and ferrous sulfate is used as activator in the iron-trilon formulation. The purpose of the present work was to study the process of polymerization of butadiene with styrene carried out according to the iron-trilon and iron-pyrophosphate formulations, and to perfect these formulations for industrial use. Colophony soap and its mixture with fatty acid soap were used as emulsifiers. The scheme of the mechanism of the action of the system iron-trilon complex-hydroperoxide-rongalite is given:



Card 2/5

23969
Polymerization of butadiene with styrene in...

5/13/61/000/005/002/005
A651/A129

	SMS-30ARK	SMS-30ARK-20
tear resistance, kg/cm ²	231	256
relative elongation, %	680	550
residual elongation, %	24	22
elasticity, %	34	29

The iron-pyrophosphate formulation (report of Giprokauchuk no. 010017, 010651, 010889, 1955-56) was further investigated. For the polymerization of butadiene with styrene the following formulation was used: butadiene ... 70, styrene ... 30, dasicinate 731 ... 4.5, hydroperoxide n-methane ... 0.08, FeSO₄·7H₂O ... 0.16, K₄P₂C₇ ... 0.18, sodium ethylenediaminetetraacetate (versen, Trilon B) ... 0.01, daksad ... 0.15, Na₃PO₄·12H₂O ... 0.5, tertiary dodecylmercaptane (Sulfol E-8) ... 0.18, water ... 200 (in w.p.). It is pointed out that with an increase in the regulating action of the diperoxide, the rate of polymerization dropped almost by 1.5 times. When using the monohydroperoxide of diisopropylbenzene the duration of the polymerization was 12 - 14 hrs, when replacing it by hydroperoxide of 1,1-diphenylethane 9 - 10 hrs. On the basis of the conducted work the formulation of iron-pyrophosphate using potassium soap of colophony was developed. This formulation was tested under pilot plant conditions (report of the VNIISK-NIIISK, no. 013094,

Card 4/5

26989

S/130/61/CCO/CCS/CC2/CC6

AGG1/A1C9

Polymerization of butadiene with styrene in...

1960). The prepared experimental butadiene-styrene rubber had the following indices: content of free colophony acids, % ... 5.8, content of bound colophony acids, % ... 0.25, content of iron, % ... 0.02, degree hardness, δ ... 550, tear resistance, kg/cm^2 ... 269, relative elongation, % ... 650, residual elongation, % ... 23, elasticity, % ... 29. In the conclusion the authors recommend sodium dimethylthiodithiocarbamate to be used as the interrupter of polymerization. There are 9 graphs and 5 references: 2 Soviet-bloc, 3 non-Soviet-bloc. The references to the English-language publications read as follows: R. Frank, J. Polym. Sci., 3, no. 1, 39 (1948); L. Howland, Rubb. World, 130, no. 5, 647 (1954); R. Brown et al., Ind. Eng. Chem., 46, no. 5, 1073 (1954).

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka im. S. V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber im. S. V. Lebedev)

Card 5/5

FISHER, S.L.; PERMINOV, A.M.; RADCHENKO, I.I.; PODDUBNYY, I.Ya.; LOBACH, M.I.;
BELGORODSKIY, I.M.; Prinimali uchastiye: VALENINA, V.F.;
GRECHANOVSKIY, V.A.; UKHALOV, N.T.; ATLASOVA, L.A.; SIRE, Ye.M.;
PANOV, P.I.

Manufacture of butadiene-styrene (methyl-styrene) rubber according
to the iron-trilon-rongalite compounding formula with the use of
rosin emulsifiers. Kauch.i rez. 22 no.1:9-15 Ja '63.
(MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo
kauchuka imeni S.V.Lebedeva.
(Rubber, Synthetic) (Styrene)

VALENKEVICH, V.V.

Using rejected disks of cold cutting saws for hot cutting saws.
Metallurg 9 no.11:30 N '64. (MIRA 18:2)

1. Zavod "Azovstal!".

VIL'EVSKII 5/7
BALK, M.B. (Smolensk); DUBNOV, Ya. S. (Moscow); PYATETSKIY-SHAPIRO,
I.I. (Kaluga); VILENKIN, N. Ya. (Moscow); BALASH, E.E. (Moscow);
LEVIN, V.I. (Moscow); DMITRIYEV, N.A. (Moscow); DYNKIN, Ye. B.
(Moscow); NAYMARK, B.A. (Moscow); GEL'FAND, I.M. (Moscow)

Problems of higher mathematics. Mat. pros.no.2:270-274 '57.
(MIRA 11:7)

(Mathematics--Problems, exercises, etc.)

Soviet Book Exploration Sov/700

Sov(7)

Sov. Universitet

Materialy X Vsesoyuznogo soveshchaniya po spektrokopii, 1956.
 16. Izd. Akademiya spektrokopii (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol. 2: Atomic Spectroscopy)
 (Novosibirsk: Izd-vo L'vovskogo univ., 1958. 568 p. (Series: Iza:
 Fizicheskii zhurnal, vyp. 4(9)). 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektrokopii.

Editor Board: O.S. Landberg, Academician, (BeeP; Md.)

B.A. Stepanov, Doctor of Physical and Mathematical Sciences;

L.I. Pavlenko, Doctor of Physical and Mathematical Sciences;

V.D. Parshin, Doctor of Physical and Mathematical Sciences;

V.G. Koriaty, Candidate of Technical Sciences; J.M. Rayavskaya,
 candidate of Physical and Technical Sciences; L.K. Klimovskaya,

candidate of Physical and Mathematical Sciences; V.S. Miliyanchuk
 (deceased), Doctor of Physical and Mathematical Sciences; A.Ye.

Gleberman, Doctor of Physical and Mathematical Sciences;

M.I. S.L. Ganser, Tech. Md.; T.V. Savanyuk.

Purpose: This book is intended for scientists and researchers in
 the field of spectroscopy, as well as for technical personnel
 using spectrum analysis in various industries.

CONTENTS: This volume contains 177 scientific and technical studies
 of atomic spectroscopy presented at the 10th All-Union Conference
 on Spectroscopy in 1956. The studies were carried out by
 members of scientific and technical institutes and include
 extensive bibliographies of Soviet and other sources. The
 studies cover many phases of spectroscopy: spectra of rare earths,
 electromagnetic radiation, physicochemical methods for controlling
 uranium production, physics and technology of gas discharge,
 optics and spectroscopy, absorption dispersion in metal vapors,
 spectroscopy and the combination theory, spectrum analysis of ores
 and minerals, photometric methods for quantitative spectrum
 analysis of metals and alloys, spectral determination of the
 hydrogen content of metals by means of isotopes, tables and
 classes of spectral lines, spark-spectrographic analysis,
 statistical study or variation in the parameters of calibration
 curves, determination of traces of metals, spectrum analysis in
 metallurgy, thermochimistry in metallurgy, and principles and
 practice of spectrochemical analysis.

Card 2/31

Sov/1700

Materials of the 10th All-Union Conference (Cont.)

Sutin, Yu. I. Self-absorption of Light in a Source and Its
 Effect on the Relative Intensities of Components of the
 Hyperfine Structure 83

Stenik, G.P. Absolute Photometry of the Continuous Sun Spectrum 85

Pustis, L.P. Generalized Method of Puk's Self-consistent Field
 and Instances of Its Application 86

Vaynshteyn, L.A. Computing Wave Functions and Oscillator
 Energies With an Electronic Computer 89

Petrovskii, M.I. and I.V. Starakov. Semiempirical Method
 for Calculating Oscillator Energies 92

Bukarev, G.P. Theory of Atom Excitation by Electrons 97

Riberman, L.N. and B.A. Yalento. Radiation Diffusion in

and Radiation of Cylindrically Configured

Card 7/31

PAVLOVSKIY, V.Ya.; VALENKO, N.S.; GREVTSOV, M.M.

Experience in adopting the production of lightweight rolled shapes at the "Azovstal'" plant. Stal' 23 no.8:721-723 Ag '63. (MIRA 16:9)

1. Metallurgicheskiy zavod "Azovstal'".
(Kharkov--Rolling (Metalwork))

VALENKOV, A.(g.Dmitrov, Moskovskoy oblasti).

~~Artel regulations and life. Prom.koop. no.3:11-12 Mr '57.~~
(MLRA 10:4)

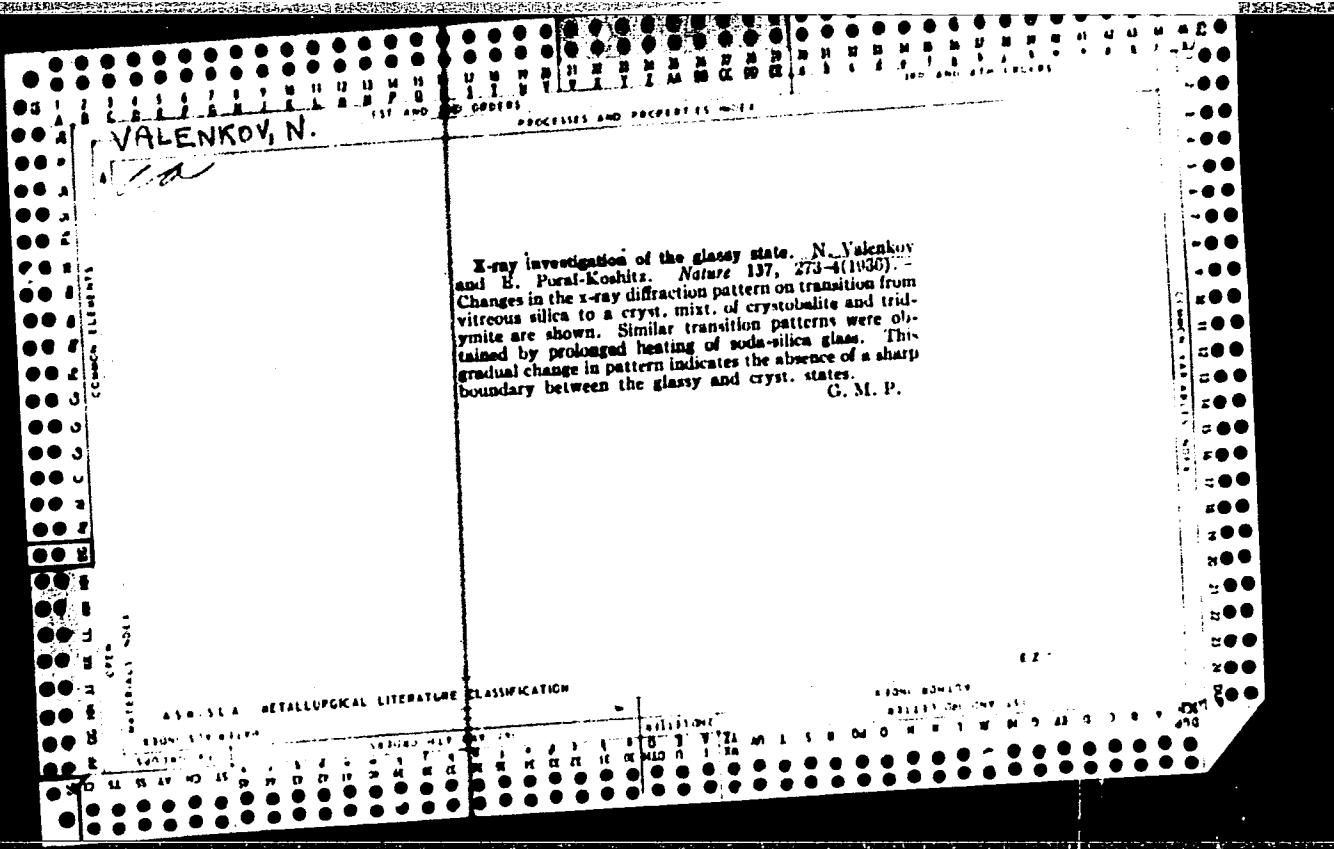
1. Predsedatel' pravleniya tekstil'nobassonnoy arteli invalidov.
(Disabled--Rehabilitation, etc.)

VALENKOV, A.P.

Machines remain at their duties. Mashinostroitel' no.8:10-14
Ag '62. (MIRA 15:8)
(Machinery--Technological innovations)

VALENKOV, A.P.

Improvement of technology and equipment is an important factor in the development of repair work. Mashinostroitel' no.6:29-34 Je '65.
(MIRA 18:7)



VALENKOV, N. N.

USSR/ Chemistry - Glass structure

Card: 1/1 Pub. 104 - 2/12

Authors : Evstrop'v, K.S.

Title : The history of the development of the hypotheses of the crystallite
structure of glass

Periodical : Stek. i ker. 5, 4-7, May 1954

Abstract : The editorial presents abstracts of hypotheses by Y.A.I. Frenkel', A.A.
Lebedev, N.A. Pozzhe, N.N. Valenkov and V.A. Florinskaya on the crystall-
ite structure of glass in a liquid and solid stage, and the influence of
these hypotheses on the contemporary glass production methods.

Institution:

Submitted:

VALENKOV, V. (Dzerzhinsk); BOGOYAVLENIY, K. (Dzerzhinsk).

The lime output has been increased. Stroi.mat.2 no.12:32 D '56.
(MLRA 10:2)

1. Direktor Dzerzhinskogo silikatnogo zavoda (for Valenkov).
2. Glavnnyy inzhener Dzerzhinskogo silikatnogo zavoda (for Bogo-
yavleniy).
(Lime kilns)

OVSYANNIKOVA, A.G., spets. red.; VALENKOVA, L.A., red.; UMARDZHANOV, K.,
tekhn. red.

[Cotton growing in Uzbekistan in 1960] Proizvodstvo khlopka v Uz-
bekistane v 1960. godu. Tashkent, 1961. 63 p. (MIRA 14:11)

1. Uzbek S.S.R. Ministerstvo sel'skogo khozyaystva.
(Uzbekistan—Cotton growing)

VALENKOVA, O.I., assistent

Study of the function of masseter muscles by the method of
simultaneous graphic recording of mastication and myotonomography.
Uch. zap. Stavr. gos. med. inst. 12:447-449 '63.

(MIRA 17:9)

1. Kafedra ortopedicheskoy stomatologii Stavropol'skogo
gosudarstvennogo meditsinskogo instituta (zav. kafedroy
dotsent L.P. Gurin, rukovoditel' prof. V.Yu. Kurlyandskiy).

CZECHOSLOVAKIA

SEDivec, V., VEIKOBORSKY, J., KOLOMAZNIK, M., and VALENOVA,
of the Psychiatric Clinic (Psychiatricka klinika),
Faculty of Medicine (Lekarska fakulta), Charles University,
Plzen.

"Report on a Case of Masochism"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 2, April
63, pp 99-103.

Abstract [Author's English summary]: The case is described
of a twenty-one year old male masochist who was sexually
stimulated by fantasies of being in the company of sadistic
women torturing and humiliating him, giving him a dog collar
and the like. He longed to become acquainted with a woman of
a sadistic make-up. He often achieved sexual excitement by
causing himself deliberately pain (cigarette burns, cuts with
a shaving blade, sewed buttons to his face). His personality
was psychopathic with hysteroid and schizoid features, his
intellectual capacities were above average. Three references
including 2 Czech.

VENCOVSKY, E.; SEDIVEC, V.; PETEROVA, E.; BAUDIS, P.; VAJENCOVA, Z.;
JANOVSKY, F.

Clinical experiences with nortriptyline. Cesk. psychiat. 61 no.4:
248-250 Ag '65.

1. Psychiatricka klinika lekarske fakulty Karlovy University v
Plzni.

L 29513-66

ACC NR: AP6020000

SOURCE CODE: CZ/0079/65/007/003/0287/0287

AUTHOR: Vencovsky, E. (Plzen); Sedivec, V.; Peterova, E.; Baudis, P.; Valoncova, Z.; Janovsky, F.

ORG: Psychiatric Clinic, Medical Faculty, Charles University, Plzen

TITLE: Results of nortriptyline¹² treatment of depressive conditions [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 287

TOPIC TAGS: drug treatment, pharmacology

ABSTRACT: Results of treatment of 45 patients are described. A 4 week period of administration was investigated; the drug was well tolerated, and there were few side effects. The results of treatment of depressive conditions were very favorable. The best effect was obtained with intramuscular administration. It does not involve a risk of embolism connected with the use of imipramine. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUIM DATE: none

Card 1/1 JS

Valevskiy, Yu

Akademik Ye A Kozminskiy i voprosy interpretatsii istorii srednikh vekov v sovetskoy shkole (academician Ye. A. Kozminskiy and problems of interpretation of the history of the Middle Ages in Soviet schools)
Munich, 1954.

110 p.

At head of title: Institut Po Izucheniiu Istorii i Vulf'gury SSSR., Munich.

7/5
221.6
.VI

L 1629-66 EWT(m) DIAAP
ACCESSION NR: AP5024268

CZ/0043/64/000/009/0698/0701

AUTHOR: Macasek, F. (Matashek, F.) (Graduate chemist) (Bratislava); Valent, A. (Graduate chemist) (Bratislava)

TITLE: Determination of exchange ions in clay by the isotope-exchange method

SOURCE: Chemicke zvesti, no. 9, 1964, 698-701

TOPIC TAGS: ion exchange, analytic chemistry, calcium, radioisotope, clay, radiation chemistry

Abstract [Authors' German summary, modified]: The isotope-exchange method was applied to determine exchange calcium in bentonite and Ca-bentonite from Fintice. By means of a radioisotope with a high original specific activity it is possible to determine exchange ions in the poly-ionic forms of clay without practically no interference with the clay-water system. Orig. art. has 4 formulas and 1 table.

ASSOCIATION: Macasek, Valent / Katedra anorganickej a fyzikalnej chemie Prirodovedeckej fakulty Univerzity Komenskeho, Bratislava (Department of Inorganic and Physical Chemistry, Comenius University); Valent / Ustav anorganickej chemie SAV, Bratislava (Institute of Inorganic Chemistry, SAV)

Card 1/2

L 1629-66

ACCESSION NR: AP5024268

SUBMITTED: 18Feb64

ENCL: 00

SUB CODE: GC, NP

NO REF SOV: 002

OTHER: 002

JPRS

HC
Card 2/2

L 33693-66 EWP(j) RM
ACC NR: AP6024210

SOURCE CODE: CZ/0043/65/000/011/0854/0859

AUTHOR: Zigmund, Miroslav (Engineer; Candidate of sciences; Bratislava); Foniok,
Rudolf (Engineer; Bratislava); Valent, A. (Graduate chemist; Bratislava)

ORG: Instituto of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava
(Ustav anorganickej chémie Slovenskej akademie vied)

TITLE: Titanium chloro complexes¹ (1.) synthesis of the complex [Ti Cl₃ py₃]

SOURCE: Chemické zvesti, no. 11, 1965, 854-859

TOPIC TAGS: complex compound, organotitanium compound, pyridine, chemical reactor,
chemical synthesis

ABSTRACT: Yield of the solid complex [Ti Cl₃ py₃] by the reaction
of the alpha form of titanium chloride with pyridine dissolved
in hexane was studied in a laboratory reactor at 20°C. The
influence of molar ratios, pyridine concentration, method of
mixing and residence time was investigated. Best results were
obtained when molar ratio of pyridine to chloride was 3:1,
pyridine concentration in hexane was 1.0-1.2M, and the reaction
time was 1 hour. 98% yield was obtained. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 07 / SUBM DATE: 24Jul65 / ORIG REF: 004 / SOV REF: 000

Cord 1/1 (P)

0975

1861

L 33230-66 EWP(e) WH
ACC NM AP6023845

SOURCE CODE: CZ/0043/65/000/009/0723/0726

AUTHOR: Zikmund, Miroslav (Engineer; Candidate of sciences; Bratislava); Ponick, Rudolf (Engineer; Bratislava); Valent, Aladjar (Graduate chemist; Bratislava)

ORG: Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava
(Ustav anorganickej chémie Slovenskej akademie vied)

TITLE: Laboratory rotating sphere reactor for the preparation and milling of substances in a controlled atmosphere

SOURCE: Chemické svedy, no. 9, 1965, 723-726

TOPIC TAGS: chemical reactor, laboratory glassware

ABSTRACT: The reactor is made of glass; the atmosphere which is controlled may be either liquid or gaseous; the rotation provides mixing and milling of both the raw materials and the reaction product. The presence of the glass balls in the reactor prevents precipitation of deposits on the walls of the reactor. The apparatus was constructed by F. Kost. Orig art. has 1 figure [JPR5]

SUB CODE: 07, 14 / SUB DATE: 10May65 / OTH REF: 004

Card

11 plz

0915

1587

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858420014-8

VALENT, Erzsabat

Precipitation distribution in the Balaton area. Orsz meteor int
besz tud kut 25:227-232 '61 (publ.'62).

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858420014-8"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858420014-8

VALENT, Erzsebet

The 35th General Meeting of the Hungarian Meteorological
Society. Idojaras 66 no.6:380-381 N-D '62.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858420014-8"

VALENT, Erzsebet

The Executive Committee of the Hungarian Meteorological
Society. Idojaras 66 no.6:382 M-D '62.

VALENT, Erzsebet

Decimal classification of literature on meteorology. Idojárás
68 no.6;382 N-D '64.

BERAN, J.; VALENT, F.

Resistance of circular conductors with narrowing section.
El tech cas 13 no.5:312-313 '62.

~~Vassilj~~, Ferdinand, inz.

Test circuits for contactors. El tech obzor 53 no. 3:
160-162 Mr '64.

VALENT, Ferdinand, inz.

Stress of auxiliary contacts in switching equipment of the
main contactor. El tecn obzor 53 no.9: 516 - 164

VALENT, M.

HUDCOVIC, A.; STEFANIK, P.; VALENT, M.

Etiology & therapy of hemorrhage in delivery of the placenta & the
following stage. Cesk. gym. 23[37] no.6:417-425 Aug 58.

I. II. gyn.-porod, klinika UK v Bratislave, prednosta doc. dr. A.
Hudcovic, A. H., II. gyn.-por. klin. UK, Bratislava.
(LABOR, hemorrh.
in 3d stage, etiol. & ther. (Cz))

VILLEN, M.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/
Department of Obstetrics and Gynecology (Gynekologicko-
Affiliation: porodnicke oddeleni) City Institute of Public Health
(MUNIZ: Mestni ustav narodneho zdravia) Bratislava

Source: Bratislava, Lekarsky Obzor, Vol X, No 9, 1931; pp 660-669 .

Data: "Experiences with Newer Methods of Diagnosis of Pregnancy"

- KLIMENT, V. ; Head (prednosta) of Department above; MD
- ZACHAR, V.
- VALENT, M.
- DEDINSKY, J.

KLEMENT, V.; VALENT, M.; HULIN, I.; RIECANSKY, I.

On changes in the blood picture in indicated pregnancy inter-
ruptions. Bratisl. lek. listy 44 no.10:628-632 30 N '64

1. Mestsky ustav narodniho zdravi, gynekologicke-porednicke
oddelenie (veduci - doc. MUDr. V. Klement); oddelenie klinickej
patofyziologie pri Katedre experimentalnej patologie Lek. fakulty
Univerzity Komenskeho v Bratislave (veduci - doc. MUDr. E. Barta,
CSc.).

004-66

ACCESSION NR: AP5023867

CZ/0049/64/000/011/0849/0863

5
B

AUTHOR: Kliment, Vojtech (Kliment, Voytekh)(Docent, Doctor)(Bratislava); Otruba, Jan (Otruba, Yan) Valant, Michal (Valent, Mikhal)(Doctor)(Bratislava)

TITLE: Connection between births and premature births and the air density

SOURCE: Biologia, no. 11, 1964, 849-863

TOPIC TAGS: atmospheric density, obstetrics

ABSTRACT: A total of 27,270 births out of which 2008 were pre-mature was investigated with respect to the densities of air, in a 5 year period 1950 - 1954 at Bratislava. A statistically important connection between the beginnings of labor and the changes with the seasons of the year. Orig. art. has: 5 graphs, 5 tables.

ASSOCIATION: Gynakologische Abteilung des Stadtkrankenhauses, Bratislava (Gynecological Department of the City Hospital); Institut fur Meteorologie und Klimatologie der naturwissenschaftlichen Fakultat der Komensky-Universitat

CATAR, G.; VALENT, M. Technicka spoluprava VANEKOVA, J.

Contribution to the biology and epidemiology of Trichomonas vaginalis. Cesk. derm. 40 no.2: 0-114 Ap'65

I. Vyskumne laboratorium parazitologie pri Katedre vseobecnej biologie Lekarskej fakulty University Komenskeho v Bratislave (veduci: prof. dr. V. Vrsansky).

VALENT, M.; CATAR, G.; KORENOVA, J.; KLIMENT, V., doc. dr.

Experiences with metronidazol Spofa in the treatment of trichomoniasis. Cesk. gynek. 44 no.3:191-193 Ap'65.

1. Vyskumna labor. parazitologie pri katedre vseobecneho biologie (veduci: prof. dr. V. Vrsansky); katedra lekarskej mikrobiologie a imunologie (veduci: doc. dr. J. Stefanovic), Lekarske fakulty University Komenskeho, Bratislava, a Gyn. por. oddel MN-Mestkeho ustavu narodniho zdravi v Bratislave (veduci: doc. dr. V. Kliment).

KRAMER, Robert; STINE, Jim; VOGEL, E.

Relation of time of delivery and postpartum labor to air pressure.
Biologia (Bratislava) 19: no.1189-90, 1961.

1. Gynakologische Abteilung des Universitätskrankenhauses Bratislava und Institut für Hygiene und Medizinische Mikrobiologie der Universität Bratislava.

SOCHOR,J.; VALENT,M.

Contribution to the surgical treatment of prolapse of the
female genitalia. Bratisl. lek. listy 44 no.3:172-176 '64.

1. Gynekologicko-porodnicke odd. OUNZ, Bratislava-vidiek v
Bratislave; veduci: MUDr. J.Sochor.

*→

CATAR, G., Bratislava, Sasinkova 4/a; VALENT, M.; KLIMENT, V.; DEAK, E.;
HUDCOVIC, A.

Some parasitological problems in gynecology and obstetrics.
Cesk. gynek. 30 no.9:694-696 N '65.

1. Vyskum. labor. paraasitol. pri Katedre lek. biol. Lekarske
fakulty Univerzity Komenskeho v Bratislave (veduci prof. dr.
V. Vrsansky), Gyn.-por. odd. Mestskeho ustavu narodniho zdravi
v Bratislave (veduci doc. dr. V. Kliment) a II. gyn.-por. klin.
Lekarske fakulty Univerzity Komenskeho v Bratislave (prednosta
doc. dr. A. Hudcovic).

CZECHOSLOVAKIA

VALENT, M.; OTRUBA, J.; KLEMENT, V., doc. MUDr.

1. Parasitological Research Laboratory, Dept. of General Biology, Faculty of Medicine, Comenius University (Vyskumne laboratorium parazitologic pri Katedre vyschenej biologie Lek. fak. Univerzity Komenskeho), Bratislava (for Valent ?); 2. Laboratory for Meteorology and Climatology, Faculty of Natural Sciences (Laboratorium pro meteorologiu a klimatologiu Prirodenickej fakulty)Jesennina University, Bratislava (for Otruba ?); 3. Head (Vedca), Dept. of Gynecology and Obstetrics (Gynkologicko-paradnicke odd.), MNZ, Bratislava (for Klement)

Bratislava, Bratislavskie lekarske listy, Vol. 1, No 5, 19 Feb 1966, pp 135-47

"Contribution to the problem of diurnal rhythm of the onset of birth and of the onset of pre-term deliveries in particular."

CZECHOSLOVAKIA

CATAR, G., Doc. MUDr, CSc.; VALENT, M.; GRUNNER, L.; KUCHTA, V.

1. Parasitological Research Laboratory, Dept. of Biology,
Faculty of Medicine, Comenius Univ. (Vyskumne laboratorium
parazitologie pri Katedre biologie Lek. fak. University
Komenskeho), Bratislava (for Catar and ?); 2. State Baths
(Statne kupele), Lucky pri Ruzomberku (for Grunner, Head, and ?)

Bratislava, Bratislavské lekárske listy, No 4, 28 Feb 67, pp 196-203

"On the transmission of trichomoniasis by thermal water."

(4)

CATAR, G., Doc. MUDr, CSc.; ZACHAR, M.; VALENT, M.; VRABIC, J.; HYNIE-HOLKOVA, B.;
PAVLINA, M.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858420014-8"
Medicine, Comenius Univ. (Vyskumne laboratorium parazitologie pri
Katedre biologie Lek. fak. University Komenskeho), Bratislava (for all)

Bratislava, Bratislavské lekárske listy, No 4, 28 Feb 67, pp 226-34

"Infestation of small mammals with tissue protozoa."

(6)

SCHACHTER, S., mernok; VALENT, R., mernok; COSTAK, N., mernok

Introduction of automation elements in the Rumanian People's
Republic. Meres automat 11 no.1:9-16 '63.

VALENT, Robert

RUMANIA/Chemical Technology - Chemical Products and Their
Application, Part 3. - Treatment of Natural Gases
and Mineral Oil, Motor and Rocket Fuel, Lubricants.

H-22

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22759

Author : Robert Valent.

Inst : Mineral Oil Research Institute of Rumania.

Title : Correlation of Results of Motor Lubrication Oil Tests on
Stands and in Exploitation.

Orig Pub : Petrol si gaze, 1957, 8, No 5, 265-268

Abstract : Systematic studies of lubrication oils for internal combustion motors carried out by the Mineral Oil Research Institute of People's Republic of Rumania are described; the results of tests of oils with admixtures under laboratory conditions on stands, as well as in exploitation are presented.

Card 1/1

VALENT, Robert; NERSESIAN, Sarchis; PETRESCU, Stefania; POPESCU, Andrei;
SACHELARIE, Traian

Some problems of the driving program in machine tools. Probleme
automatiz 4:235-245 '62.

VALENTA, A., Cand.des Sciences Techn.

Distribution of elastic stresses in cylindrical, multilayer vessels
assembled at higher temperature. Acta techn Hung 31 no.1/2:227-240
'60. (EEAI 10:3)

1. Institut National des Recherches Thermotechniques, Prague.
(Strains and stresses)
(Elasticity)
(Cylindrical shells)

FRYC, Vaclav, MUDr.; VALENTA, Adolf, MUDr.

Placental blood reserve and its relation to birth injury.

Cesk. gyn. 21 no.5:314-321 Sept 56.

1. Por. -gyn. odd. OUNZ v Opave, prednosta prim. MUDr. Karel Stankus.

(LABOR

third stage, delayed, to allow fetal-placental circ. as
long as possible (Cz))

(UMBILICAL CORD

delay in cutting to allow longest possible fetal-
placental circ. (Cz))

VALENTA Andras
VALENTA, Andras

Progressive multiple hemangioma. Szemeszet 91 no.2:91-96 Apr 54.

1. A Satoraljaujhelyi Jarasi Korhaz (igazgato-foorvos: Dr. Waller Sandor) szemeszeti osztalyanak (foorvos: Dr. Valenta Andras) kozlemenye.

(ANGIOMA

*multiple, progressive)

FEHER, Laszlo, dr.; SASICS, Szvetozar, dr.; VALENTA, Andras, dr.

Data on the visibility of x-rays. Orv. hetil. 97 no.27:748-750
1 July 56

1. A Satoraljaujhelyi Varosi Korhaz (igazgato: Valenta Andras dr.)
rontgenosztalyanak (foorvus:Sasics Szvetozar dr.) es
ezemosztalyanak kozlemenye.

(ROENTGEN RAYS
visibility (Hun))

VALENTA, Andras

Etiology and therapy of uveitis based on material of several years.
Szemeszet 94 no.4:156-160 Dec 57.

1. A satoraljaujhelyi Varosi Korhaz (mb. igazgato: Kerdy Kalman)
Szemosztalyanak (foorvos: Valenta Andras) kozlemenye.
(UVEITIS
etiol., diag. & ther. (Hun))

HUNGARY

ROZGONYI, Ferenc, Dr., VALENTE, Borbala, BRATOVICS, Ilona, CSIRE, Bela;
Medical University of Debrecen, Institute of Microbiology (director: VACZI,
Lajos, Dr) (Debreceni Orvostudomanyi Egyetem, Mikrobiologiai Intezet).

"Sensitivity of 'Polyresistant' Microorganisms Toward the More Recent Antibiotics. Changes in the Antibiotic Resistance of the More Important Pathogenic Bacteria Isolated From a Clinical Study Material Between 1962-65."

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, pages 337-342.

Abstract: [Authors' Hungarian summary modified] The study led to the following observations. 1) During the past 4 years, the greatest increase in resistance occurred against terramycin. The per cent increases were: from 46 to 66 in *E. coli*, from 57 to 69 in *Klebsiella*, from 60 to 89 in *Ps. pyocyanne*a, from 46 to 69 in *Staph. aureus* and from 55 to 71 in *Strept. faecalis*. At the same time, there was a considerable increase in the chlorocid-resistant strains of *E. coli*, *Klebsiella* and *B. proteus*. 2) There was a slight decrease in the occurrence of polymyxin; streptomycin-and chlorocid-resistant strains of *Staph. aureus* and in the polymyxin-and chlorocid-resistant strains of *Strept. faecalis*. 3) Among the older, widely used antibiotics, polymyxin and streptomycin are the most effective against *E. coli*, *Klebsiella* and *Ps. pyocyanca*; chlorocid and streptomycin against *B. proteus*; erythromycin, streptomycin and chlorocid against *Staph. aureus*; and erythromycin and chlorocid against *Strept. faecalis*. 4) In the past 4 years, there was a further increase in the ratio of "polyresistant"

1/2

FRANZ, Ferdinand; VALENTA, Boris

Hydrogen brittleness of cadmium plated springs. Sbor chem tech no.3,
part 1:209-225 '59.

1. Katedra anorganické technologie, Vysoká škola chemicko-technologická, Praha.

VALENTA, Boris, ins.

An electric power plant in the Canton area and problems of
climate technology. Energetika Cz 12 no.12:648-650 D '62.

VALENTA, B., inz.

Operation of machine equipment in China. Strojirenstvi 13 no.8:
613-618 Ag '63.

VALENTA, R., inz.

Comparison of some coatings for tropical conditions. Strojirensvi
14 no.9:660-664 3 '64.

1. Electrotechnical Testing Institute, Prague-Troja.

VALENTA, Boris, inz.

Climatotechnological research. Podn org 18 no.5:205-207 My
'64.

1. Test Institute of Electrical Engineering, Prague.

DRAHORAD, Jiri; VALENTA, Boris

Climatotechnological testing. Normalizace 13 no.1:12-15
Ja '65.

1. Testing Institute of Electrical Engineering, Prague-Troja.

L 34703-66

ACC NR: AP6025222

SOURCE CODE: CZ/0083/65/000/004/0248/0250

AUTHOR: Vencovsky, E. (Plzen); Sedivec, V.; Peterova, E.; Baudis, P.; Valenova, Z.; Janovsky, F.

ORG: Psychiatric Clinic, Medical Faculty, Charles University, Plzen (Psychiatricka klinika lekarske fakulty KU) *24*
B

TITLE: Clinical experience with nortriptyline *b*

SOURCE: Ceskoslovenska psychiatrie, no. 4, 1965, 248-250

TOPIC TAGS: nervous system drug, drug effect, psychotherapy

ABSTRACT: Nortriptyline is amitryptyline with one methyl group removed; it is considered to be a thymoleptic with a very fast action and a slightly stimulating effect. It has an anticholinergic effect and should not be administered to patients suffering from glaucoma, cardiac conditions, and a tendency toward urine retention. It should not be administered simultaneously with MAO inhibitors; at least two weeks should pass before a patient who received an MAO inhibitor can be given nortriptyline. 45 patients were treated with the drug; all suffered from different kinds of depression. The drug was very successful in 19 cases while in 20 it had only a limited effect. In 19 EEG changes were observed. The drug is suitable for elderly patients. The author thanks H. Lundbeck in Kodani for assistance with the nortriptyline. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 7/785

09/6 0588

VALENTA, D.

Protection of buildings with films of softened PVC (polyvinylchloride) used by
the Hydrostav National Enterprise. p. 239.

STAVBA. (Poverenictvo stavebnictva) Bratislava, Czechoslovakia. Vol. 6, no. 8,
Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 10, Oct. 1959.
Uncl.

VALENTA, D.

Use of cresolite by the Hydrostav National Enterprise. p. 243.

STAVEA. (Poverenictvo stavebnictva) Bratislava, Czechoslovakia. Vol. 6, no. 8,
Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 10, Oct. 1959.
Uncl.

VALENTA, D. ; MILICKA, L.

"Electrochemical control of the cement-hardening process." p. 471.

BIOLOGICKE PRACE. Bratislava, Czechoslovakia, Vol. 2, no. 10/11, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncl.

VALENTA, Dalibor, inz.

Determining the length of thickened ends of reduced tubes. Hut
listy 18 no.6:404-406 Je '63.

1. Nova hut Klementa Gottwalda, Ostrava.

VALENTA, Dalibor, inz.

Calibration of three-roller reducing plants. Hut listy 17 no.11:780-
78 N '62.

1. Nova hut Klementa Gottwaldova, Ostrava - Kuncice.

VALENTA, Dusan, inz.; SVIHEL, Josef

Mobile plant for panel production from corrugated asbestos cement.
Inz stavby 11 no.8:297-301 Ag '63.

1. Hydrostav, n.p., Bratislava.

GEBAUER, Juraj, promovany chemik; ODLER, Ivan, inz.; VALENTA, Dusan, inz.

Heat stressed concretes for smoke flues. Poz stavby 12 no.1:
20-21 '64.

Heavy concretes for the first Czechoslovak nuclear power station.
Ibid.:21-24.

Perlite concrete bound by water glass as a thermal roof insulating
material. Ibid.:24-28.

1. Technicky a skusobny ustav stavebny, Bratislava (for Gebauer
and Odler).
2. Hydrostav Bratislava, n.p. (for Valenta).

VALEK, Dusan; KLIMA, Jaroslav; KNUROWSKI, Tomas, inz.

No-cut gallery driving. Rudy 13 no.2:57-66 F '65.

1. Zelezorudne doly a hrudkovny National Enterprise, Fjpvorce-Nucice (for Valek). 2. Central Administration of the Research and Mining of Radioactive Raw Materials, Pribram (for Klima). 3. Institute of Ore Research , Prague (for Knurowski).

PROCESSING AND PROPERTIES OF STEELS
PART II: THE INFLUENCE OF ELEMENTS ON THE PROPERTIES OF STEELS
The influence of titanium upon a primary crystallization,
particularly in steel without the alpha-gamma transformation.
MIL-17-BEGL-1, Part 12, Chapter 10. Small
traces of Ti produced a very fine primary grain in C steels
as well as in alloys of the ferrochromium type which do not
pass through a transformation in the solid state. Since
heat treatments will not affect the structure of such alloys
a fine primary grain is a means of improving some of the
properties of the alloys. — P. Mareš

VALENTA, F.

Experiences from the activities of commissions of technicians and improvers in
1953. p.6. (Zeleznice, Praha, Vol. 4, no. 1, Jan. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Unclassified

VALENTA, F.

Full use of steam locomotives. p.65. (Zeleznice Praha. No. 3, Mar. 1957.)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957. Uncl.

VALENTA, F.

Making full use of locomotives. p.102. (Zeleznícar. Praha. Vol. 4, Apr. 1957.)

SO:Monthly List of East European Accessions (EEAL) LC., Vol 6, no. 7, July 1957. Uncl.

VALENTA, F.

Experience and control of capital investments.

P. 12. (ZELEZNICAR.) (Praha, Czechoslovakia) No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

VALENTA, F.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their I-29
Application. Leather. Fur. Gelatin. Tanning Agents.
Technical Proteins

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 14052

Author : Schumadlova A., Valenta F.
Title : Standardization in the Leather Industry

Orig Pub : Normalisace, 1956, No 4, 76-78

Abstract : The great relative importance of leather and shoe manufacture, in the Czechoslovak national economy and export, is pointed out. Successful operation is greatly dependent upon quality of raw materials which is determined by agricultural conditions. An important prerequisite of the quality of hides and leather is standardization. The scope and future prospects of this work are set forth. Particular difficulties are involved in standardization of sorting, for which a system is outlined that is based on two criteria: a) nature of grain

Card 1/2

- 433 -

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their I-29
APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858420014-8
Application. Leather. Fur. Gelatin. Tanning Agents.
Technical Proteins

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 14052

surface and thickness, which determine grade and sub-grade of leather depending on its use; b) percentage of usable surface area of the leather depending on the flaws.

Card 2/2

- 434 -

VÁLENTA, F.

Present state of standardizing hides and leathers. p. 227.

NORMALISACE. Vol. 5, no. 19, Oct. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Leather. Mechanical Gelatins.
Tanning Materials. Technocal Albumins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59679
Author : Valenta Frantisek
Inst :
Title : Standardization of the Classification of Leathers.
Orig Pub : Kozarstvi, 1958, 8, No 2, 52-54.
Abstract : No abstract.

Card 1/1

VALENTA, J.

"Paper-making felts from synthetic fibers."

PAPIR A CELULOZA, Praha, Czechoslovakia, Vol. 14, No. 6, June 1959.

Monthly List of East European Accessions (SEA), LC, Vol. 8, No. 9, September 1959.

Unclassified.

Valenta, J.; Pistanek, O.

The production of large bricks and brick blocks. p.158

(Stavivo. Vol. 35, no. 3, Mar. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EHAL) LC, Vol. 6, no. 10, October 1957. Uncl.

VALENTA, J.

The Czechoslovak transformer manufacture. p. 9. (Czechoslovak Heavy Industry
no. 9, 1956) Prague

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7 July 1957. Uncl.

VALENTA, J.

The first Czechoslovak meat combine. p. 24.

GOSPODARKA MIESNA. (Polskie Wydawnictwa Gospodarcze) Warszawa.
Vol. 8, no. 2, Feb. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 7, July 1956.

VALENTA, J., inz.

Economic evaluation of the agricultural production of lands
designed for irrigation. Vodni hosp 14 no.10:387-389 '64.

1. Ministry of Agriculture, Forestry and Water Resources,
Prague.

BELOHLAVEK, O., inz.; LAZANSKY, J., inz.; VALENTA, J., inz.

Operational determination of high content of chromium and
nickel in steel by emission X-ray spectrum analysis. Hut
listy 18 no. 12: 882-885 D '63.

1. Spojene ocelarny, n.p., Kladno.

VAJENTA, J., inz.

Grooving by a carbon electrode. Tel dop lew. 12 no. 2351 *62

VALENTA, J., inz., Sc.C.

Calculation of the strength of supported cylindrical shell
constructions. Strojirenstvi 12 no.4:243-256 Ap '62.

1. Statni vyzkumny ustav tepelne techniky, Praha.

VALENTA, J.

Strip-wound high-pressure vessels.

p. 1 (ROSPRAVY RADA TECHNICKYCH VED) Vol. 67, no. 4, 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

VALENTA, J., Ing. CSc. (Praha 1, Husova 8, CSSR)

Short thin-walled conical shells with variable thickness.
Tehnika Jug 18 no. 8: 1389-1392 Ag '63.

1. State Research Institute for the Thermal Technique,
Prague.

84650

R/008/60/000/002/004/007
A125/A026

11.23/3

AUTHOR: Valenta, J.

TITLE: The Elasto - Plastic State of Vessels With Multiple Layers

PERIODICAL: Studii și Cercetări de Mecanică Aplicată, 1960, No. 2, pp. 379-395

TEXT: Subject article analyzes the state of stresses of a multilayer vessel in the elasto-plastic field, in case of a finite thickness and considering the plasticity module to be constant. The author determines the admissible field of contraction and the optimum conditions for a multi-layer vessel. It is assumed that the vessel consists of n layers of s thickness each, and of an internal cylinder of s_1 thickness (Fig. 2). The contraction pressure p'_K is determined by the relation (1). In case of n layers, the pressure p_K' acting on the radius r_K is given by the relation (2). Measurements performed in the CSR and other countries (Refs. 8 and 10) proved that the function of "prestressing" $f(r_j, \sigma_r)$ is independent from the radius r_j . The expression (2) can also be written in the form of equation (4), the sum of which can be expressed by the "digamma" function, defined by (5), thus obtaining: $p_K' = f(\sigma_r) \left(1 - \frac{1}{\sigma_r}\right) \Psi_{1,2}(n, K)$. The function $\Psi(x)$ is represented by Figure 3a. The "digamma"

Card 1/3